

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

PUBLICATION NUMBER : 01126685  
PUBLICATION DATE : 18-05-89

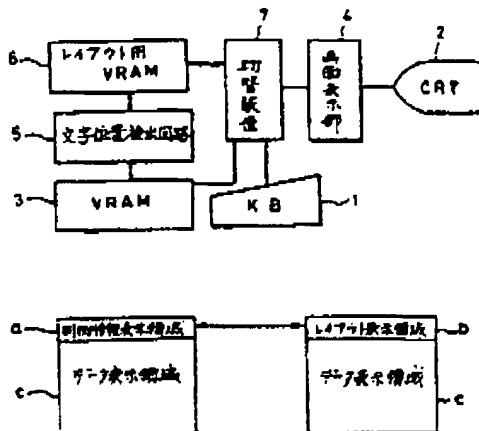
APPLICATION DATE : 12-11-87  
APPLICATION NUMBER : 62284370

APPLICANT : NEC CORP;

INVENTOR : OBAYASHI AKIHIKO;

INT.CL. : G09G 1/00

TITLE : SCROLLED-OUT INFORMATION  
DISPLAY DEVICE



ABSTRACT : PURPOSE: To easily display the layout of scrolled-out information by simple hardware by displaying contents of a VRAM for layout and partial contents of a VRAM on a CRT by switching.

CONSTITUTION: A detection circuit 5 which detects character positions in each scrolled-out row, a VRAM 6 for layout where character position information detected by the detection circuit 5 for plural rows is stored, and a switching device 7 which performs such control that partial contents of the VRAM 3 and contents of the VRAM 6 for layout may be displayed on a picture display part 4 by switching are provided. When a data display area (c) is scrolled out by one row, it is added to the row in the bottom of a layout display area (b), and the whole of information is scrolled up. Thus, layout of the scrolled-out picture can be referred to, and positional relations on layout are confirmed with a high operability.

COPYRIGHT: (C)1989,JPO

BEST AVAILABLE COPY